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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/874,193	06/04/2001	Craig R. White	10004490-1	5620

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HEWLETT-PACKARD COMPANY
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EXAMINER

DALENCOURT, YVES

ART UNIT PAPER NUMBER

2157

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/874,193

Applicant(s)

WHITE ET AL.

Examiner

Yves Dalencourt

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,6-8,11-13 and 16-20 is/are rejected.
- 7) ☒ Claim(s) 4,5,9,10,14 and 15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This office action is responsive to communication filed on 06/04/01.

Specification

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Therefore, " The present invention " (page 23, lines 2 and 7) is redundant. It is suggested to start the abstract with --- A system and method for providing ---.

The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code. Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code. See MPEP § 608.01.

Claim Objections

Claims 1, 6, 11, and 16 are objected to because of the following informalities: It is suggested to insert " and " before the last limitation. Also, in claim 16, it is suggested

to delete " to " before external (line 5) and insert -- to the --. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 16 recites the limitation " to the external processing code " in line 5. There is insufficient antecedent basis for this limitation in the claim. An external processing code has not previously been identified in the claim.

Claims 17 – 20 are necessarily rejected as being dependent upon the rejection of claim 16.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 – 3, 6 – 8, 11 – 13, and 16 - 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Saxton et al (US 6,016,492; hereinafter Saxton).

Regarding claims 1, 6, and 11, Saxton teaches a system, a method, and a computer readable medium for processing a document by external processing routines that operate on the document in response to reference links embedded within the

document (fig. 1; col. 10, lines 25 – 46; Saxton discloses a distributed computing environments where tasks are performed by remote processing devices that are linked through a communication network), which comprises means for acquiring a processing link in the document (col. 19, lines 52 - 67; col. 20, lines 7 – 9; processing link is the index of the property identifier(4800) and also a reference to the value to be modified); means for using said processing link to invoke a processing engine to modify the document (col. 19, lines 66 - 67; col. 20, line 1 - 5; by using the index(reference) into the property information array within the executable of the program module to launch the update process); means for modifying said document by said processing engine (col. 19, lines 61 – 63; as means of allowing the character property-data type structure maintained in dynamic memory to be modified as a result of processing this particular property modifier (4800). Applicant should duly note such property modifier of Saxton has an index to point to a particular offset value within the property information array that can be inserted within the structure based on the value of the offset (col. 18, lines 20 – 23).

Regarding claims 2, 7, and 12, Saxton teaches the system, method, and computer readable medium of claims 1, 6, and 11, which further comprising means for invoking said processing engine using a data list (col. 19, lines 63 – 65; as the contents of this character property data-type structure listed in table 7).

Regarding claims 3, 8, and 13, Saxton teaches the system, method, and computer readable medium of claims 1, 6, and 11, which further comprising means for validating said processing link (fig. 7; col. 23, lines 21 – 36; verify as whether the data

type code (three bits) of the current property modifier matches a data type associated with the display command).

Regarding claim 16, Saxton teaches a system for processing a document by external processing routines that operate on the document in response to reference links embedded within the document (fig. 1; col. 10, lines 25 – 46; Saxton discloses a distributed computing environments where tasks are performed by remote processing devices that are linked through a communication network), which comprises a processing link identifier that identifies a document containing at least one processing link to the external processing code (col. 19, lines 52 - 67; col. 20, lines 7 – 9; processing link is the index of the property identifier(4800) and also a reference to the value to be modified); an invoker that invokes a processing engine to modify the document (col. 19, lines 66 - 67; col. 20, line 1 - 5; by using the index(reference) into the property information array within the executable of the program module to launch the update process); wherein said processing engine modifies said document using said external processing code (col. 19, lines 61 – 63; as means of allowing the character property-data type structure maintained in dynamic memory to be modified as a result of processing this particular property modifier (4800). Applicant should duly note such property modifier of Saxton has an index to point to a particular offset value within the property information array that can be inserted within the structure based on the value of the offset (see col. 18, lines 20 – 23).

Regarding claim 17, Saxton teaches the system of claim 16, wherein said invoker uses a data list to invoke said processing engine (col. 19, lines 63 – 65; as the contents of this character property data-type structure listed in table 7).

Regarding claim 18, Saxton teaches the system of claimed 16, wherein said invoker further comprises a validator that validates said processing link (fig. 7; col. 23, lines 21 – 36; verify as whether the data type code (three bits) of the current property modifier matches a data type associated with the display command).

Allowable Subject Matter

Claims 4 – 5, 9 - 10, and 14 – 15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: As specifically claimed, the art of record fail to teach, a system for processing a document by external processing routines, wherein said validating means further comprises: means for accessing a local directory to create said data list for said processing link; and means for accessing a global directory to create said data list for said processing link, if said data list for said processing link is not located in said local directory (claim 4). A method for processing a document by external processing routines, wherein said validating step further comprises: the steps of: accessing a local directory to create said data list for said processing link; and accessing a global directory to create said data list for said processing link if said data list for said

processing link is not located in said local directory (claim 9). A computer readable medium for processing a document by external processing routines, wherein said logic for validating further comprises: logic for accessing a local directory to create said data list for said processing link; and logic for accessing a global directory to create said data list for said processing link if said data list for said processing link is not located in said local directory (claim 14).

Claims 19 and 20 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Gordon Blair Grout (US Patent Number 5,913,033) discloses an apparatus and method for retrieving information using standard objects.

Khoyi et al (US Patent Number 5,421,015) discloses a multitasking system having an application integration mechanism for linking differently typed data objects.

David Hugh Judson (US Patent Number 5,737,619) discloses a world wide web browsing with content delivery over an idle connection and interstitial content display.

Borowski et al (US Patent Number) discloses a method for identifying and tracking document characteristics in a document image processing system.


Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yves Dalencourt whose telephone number is (571) 272-3998. The examiner can normally be reached on M-TH 7:30AM - 6: 00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Yves Dalencourt


January 18, 2006